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Attorney Docket No. MSK.P-041
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Marians
Serial No.: 09/890,829
Filed: 08/06/2001
Title: Process for DNA Replication

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

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Sir:

Applicant requests that the references listed on Form PTO-1449, which is enclosed, be made of record in the Patent Office file relating to the above-captioned application. Copies of the references are provided herewith. No fee is believed to be due with this paper as we have not received an action on the merits.

Respectfully submitted,

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I hereby certify that this paper and the attachments named herein are being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231 on November 8, 2001

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Linda L. Orr
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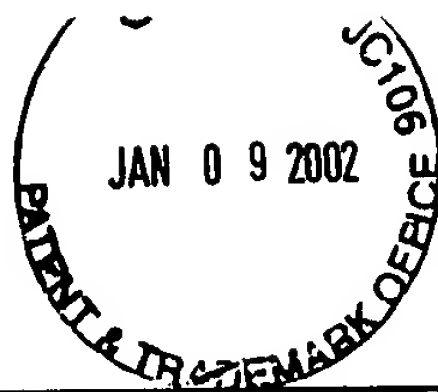
**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Application No: 09/890,829
Filing Date: 08/06/2001
First Named Inventor: Marians
Group Art Unit:
Examiner Name:
Attorney Docket No.: MSK.P-041



Examiner's Initials	US Patent Document	Name of Patentee or applicant of cited document	Date of Publication of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
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Examiner's Initials	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS
	JANNIERE, et al., Replication terminus for DNA polymerase I during initiation of pAMBeta1 replication: role of the plasmid-encoded resolution system. Molecular microbiology. 1997, Vol. 23, No. 3, 525-535, especially pages 525-527 and 533.
	MCGLYNN et al. The DNA replication protein PriA and the recombination protein RecG bind D-loops. J. Mol. Biol. 1997, Vol. 270, pp 212-221, especially pages 212-214 and 217-220.
	KARET et al. Quantification of mRNA in human tissue using fluorescent nested reverse-transcriptase polymerase chain reaction. Anal. Biochem. 1994, Vol. 220, pp 384-390, especially pages 385 and 386.
	MASAI, et al. Escherichia coli PriA protein is essential for inducible and constitutive stable DNA replication, EMBO J. 1994, Vol. 13, No. 22, Page 5338-5345, especially pages 5338, 5339, 5344 and 5345.
	AL-DEIB et al. Modulation of recombination and DNA repair by the recG and PriA helicases of Escherichia coli K-12. J. Bacteriol. December 1996, Vol. 178, No. 23, pp 6782-6789, see entire document.
	MARIANS, At the Crossroads between DNA Replication and Recombination", Ray Wu Symposium, 8/15/1998.
	MARIANS, et al., PriA and the Intersection between DNA Replication and Recombination.
	SEUFERT, et al., Initiation of <i>Escherichia coli</i> minichromosome replication at <i>oriC</i> and at protein n' recognition sites. Two modes for initiating DNA synthesis <i>in vitro</i>. The EMBO Journal vol. 5, no 12, pp 3401-3406, 1986.
	JONES, et al., The ϕX174-type primosome promotes replisome assembly at the site of recombination in bacteriophage Mu transposition, The EMBO Journal Vol. 16 No. 22, pp 6886-6895, 1997.
	ASAI, et al, D-Loops and R-Loops: Alternative Mechanisms for the initiation of Chromosome Replication in <i>Escherichia coli</i>, Journal of Bacteriology, Apr. 1994, p. 1807-1812, Vol. 176, No. 7.
	DEVLIN, Textbook of Biochemistry with Clinical Correlations, 3rd Ed., 1992.

This Information Disclosure Citation List is being submitted as a substitute for Form PTO-1449. The Examiner is requested to place his or her initials on the lines adjacent to the citations to indicate that the reference has been considered. The Examiner is further requested to fill in his or her name and the date the information was considered in blocks at the bottom of this substitute for Form PTO-1449.

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